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Advanced boiler technology

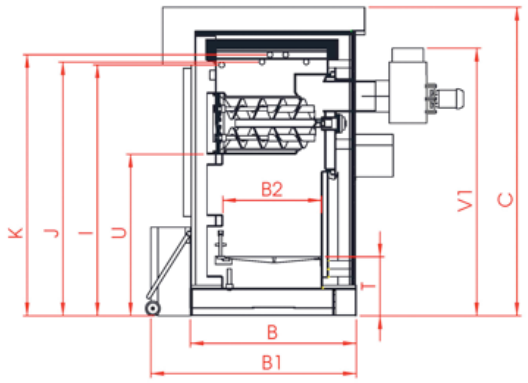
GILLES
BIOMASS HEATING

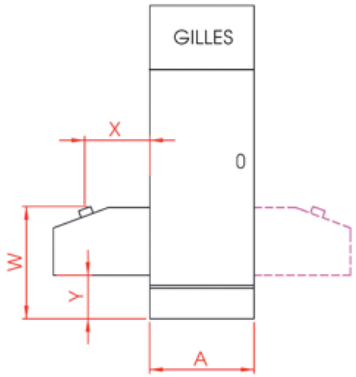
Biomass Heating 12.5 - 5000kW

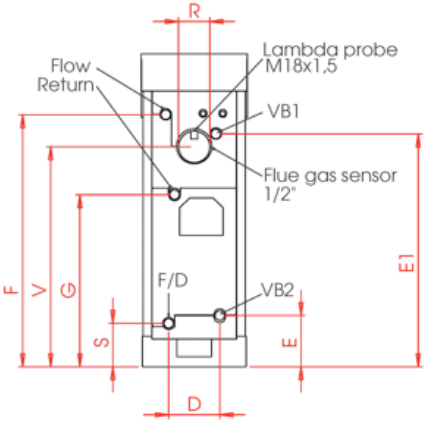
A - 4810 Gmunden, Koaserbauer Str. 16 +43 7612 737600

Änderungen dürfen nur am CAD vorgenommen werden

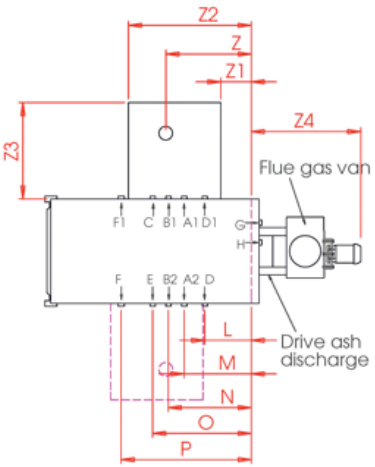
Pellet boiler HPK-RA 12,5-25kW







Output kW	BS	Draughts	Volume l	Weight kg	Measurments																														
					A	B	B1	B2	C	D	E	E1	F	G	I	J	K	L	M	N	O	P	R	S	T	U	V	V1	W	X	Y	Z	Z1	Z2	Z3	Z4
12,5	5.1	2	72	421	530	845	1045	500	1290	260	260	980	1095	875	1075	1095	1155	255	360	440	480	685	ø160	220	300	675	920	1165	560	330	190	435	155	625	495	560
14,5	5.1	2	72	421	530	845	1045	500	1290	260	260	980	1095	875	1075	1095	1155	255	360	440	480	685	ø160	220	300	675	920	1165	560	330	190	435	155	625	495	560
19,5	5.1	2	72	421	530	845	1045	500	1290	260	260	980	1095	875	1075	1095	1155	255	360	440	480	685	ø160	220	300	675	920	1165	560	330	190	435	155	625	495	560
15	6.1	2	83	443	530	845	1045	500	1485	260	260	1210	1280	875	1275	1290	1325	255	360	440	480	685	ø160	220	300	820	1115	1360	560	330	190	435	155	625	495	560
20	6.1	2	83	443	530	845	1045	500	1485	260	260	1210	1280	875	1275	1290	1325	255	360	440	480	685	ø160	220	300	820	1115	1360	560	330	190	435	155	625	495	560
25	6.1	2	83	443	530	845	1045	500	1485	260	260	1210	1280	875	1275	1290	1325	255	360	440	480	685	ø160	220	300	820	1115	1360	560	330	190	435	155	625	495	560



Connections		ø
Flow, Return		5/4"
Safety valve sensor for overheat protection by safety heat exchanger	C or E	1/2"
Boiler sensor	H	1/2"
High limit circuit breaker	G, D, or D1	1/2"
Thermometer	F or F1	1/2"
Boiler sensor heating control	D or D1	1/2"
The safety heat exchanger has to be connected either between **A1** and **B1** or **A2** and **B3** or **A1** and **B2** or **A2** and **B1**		1/2"

Note VB1 & VB2:
These connections have to be connected by a pipe with the same cross section as VB1 & VB2!

	Width
Combustion chamber	300 x 500
Combustion chamber door	300 x 250

Pos.	Stk.		Teilenr.	Abmessung		Biegeradius	Werkstoff
					Name	Datum	Freimaßtol.DIN 7168
				gez.	Rösch	22.01.2008	Tol
				bear.	Rösch	22.01.2008	
				gepr.			Maßstab:

GILLES www.gilles.at
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Gilles Energie und Umwelttechnik GmbH
Koaserbauer Str. 16 A-4810 Gmunden
Tel.: +43 (0)7612 73760-0 Fax:DW 17 mail:office@gilles.at

Produktgruppe: Layout Produktdatenblatt Standard	Benennung: Data sheet Pellet ó.1, 5.1 English	Zeichnungsnr.: 500106 Rev. a
	GILLES_Schlüssel: 01- 04- 02- 00- 500106	

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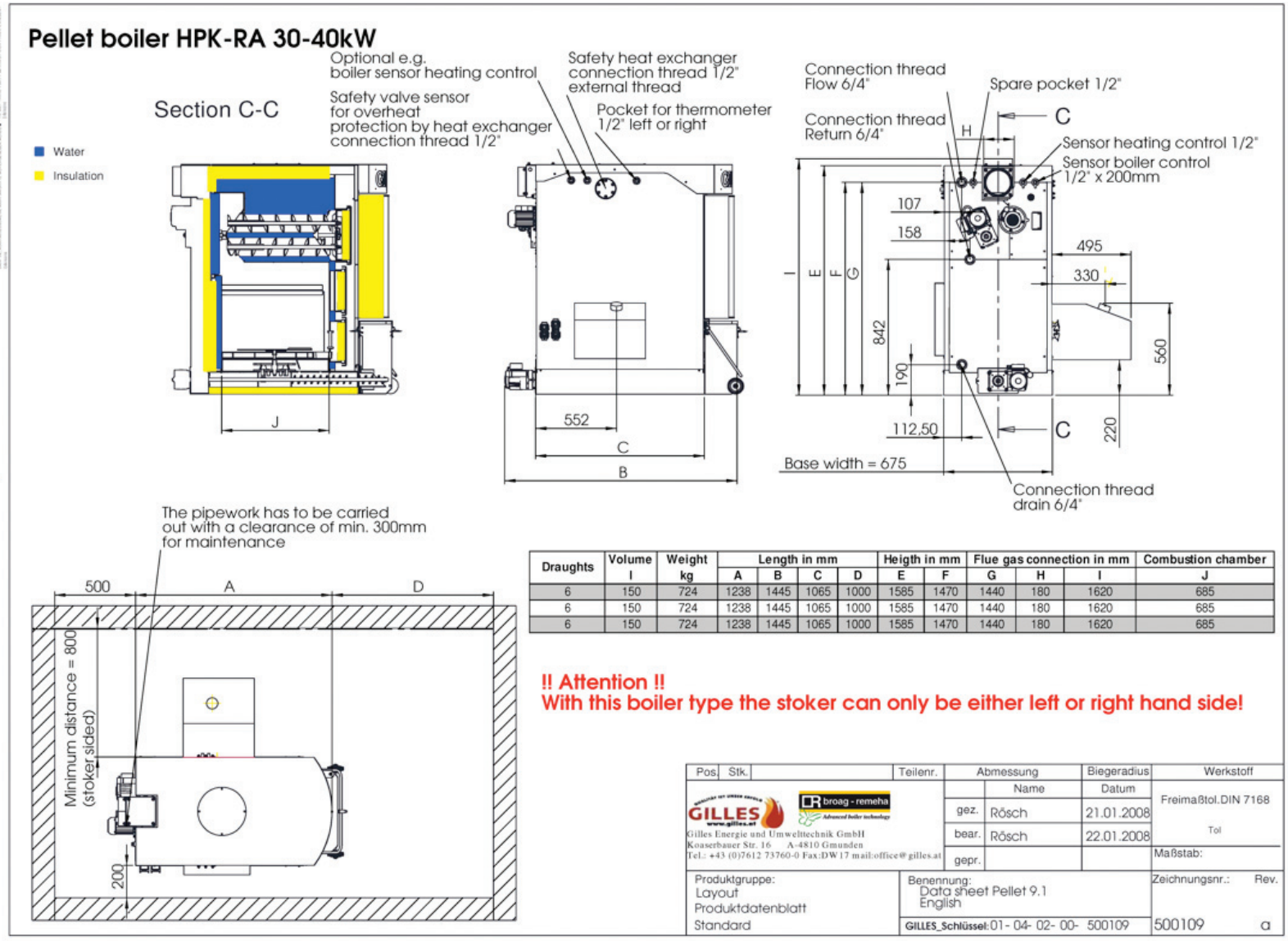
BIOMASS HEATING

Biomass Heating 12.5 - 5000kW

A - 4810 Gmunden, Koaserbauer Str. 16 +43 7612 737600

Pellet boiler HPK-RA 30-40kW



Draughts	Volume	Weight	Length in mm				Heigth in mm		Flue gas connection in mm			Combustion chamber
	l	kg	A	B	C	D	E	F	G	H	I	J
6	150	724	1238	1445	1065	1000	1585	1470	1440	180	1620	685
6	150	724	1238	1445	1065	1000	1585	1470	1440	180	1620	685
6	150	724	1238	1445	1065	1000	1585	1470	1440	180	1620	685

!! Attention !!
With this boiler type the stoker can only be either left or right hand side!

Pos.	Stk.		Teilenr.	Abmessung		Biegeradius	Werkstoff
					Name	Datum	Freimaßtol.DIN 7168
				gez.	Rösch	21.01.2008	
				bear.	Rösch	22.01.2008	Tol
				gepr.			Maßstab:

Gilles Energie und Umwelttechnik GmbH
Koaserbauer Str. 16 A-4810 Gmunden
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Produktgruppe: Layout Produktdatenblatt Standard	Benennung: Data sheet Pellet 9.1 English	Zeichnungsnr.: 500109 Rev. a
	GILLES_Schlüssel: 01- 04- 02- 00- 500109	

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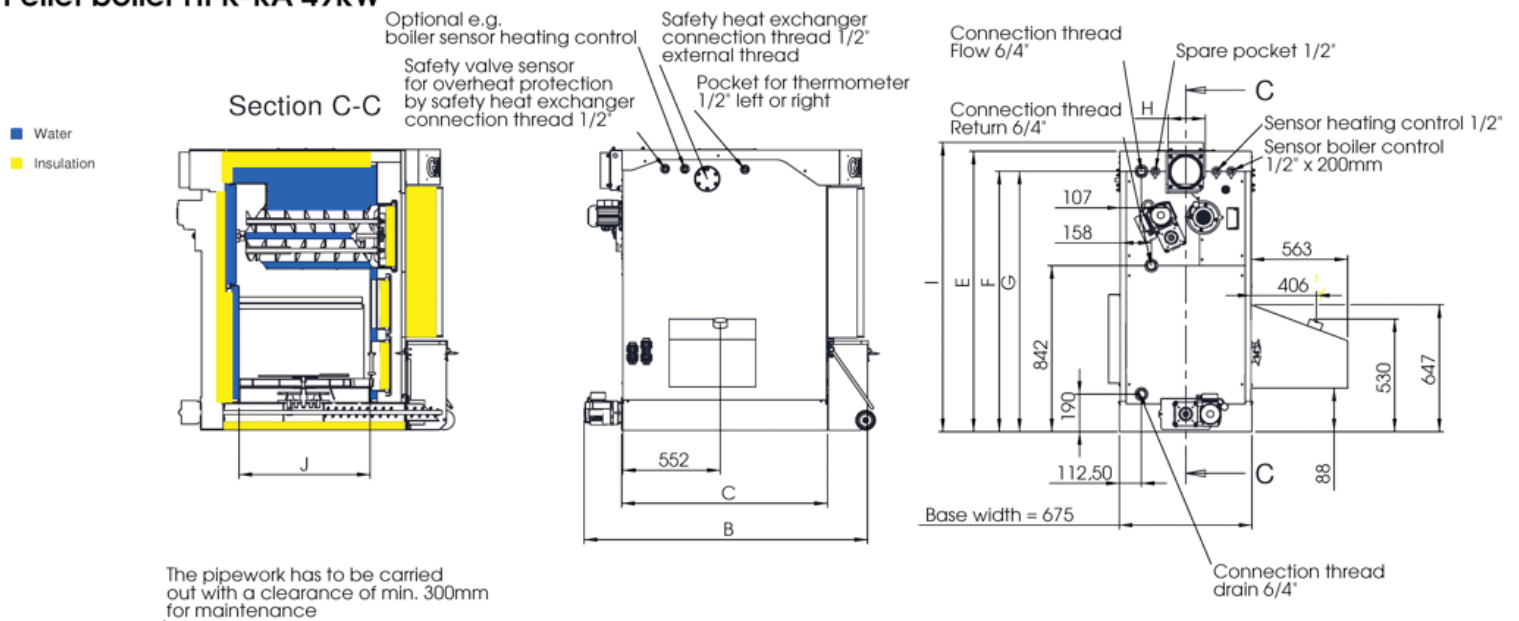
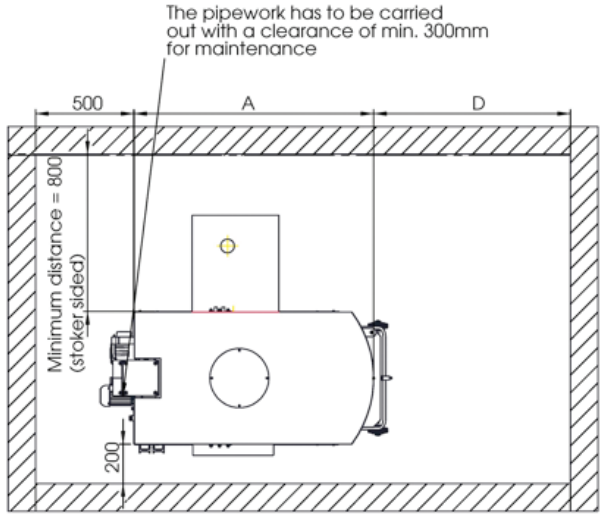
GILLES
BIOMASS HEATING

Biomass Heating 12.5 - 5000kW

A - 4810 Gmunden, Koaserbauer Str. 16 +43 7612 737600

Pellet boiler HPK-RA 49kW





Output kW	BS	Draughts	Volume l	Weight kg	Length in mm A	B	C	D	Heigth in mm E	F	Flue gas connection in mm G	H	I	Combustion chamber J
49	8.1	6	150	724	1238	1445	1065	1000	1585	1470	1440	180	1620	685

!! Attention !!
With this boiler type the stoker can only be either left or right hand side!

Pos.	Stk.		Teilenr.	Abmessung		Biegeradius	Werkstoff
					Name	Datum	Freimaßtol.DIN 7168
				gez.	Rösch	22.01.2008	
				bear.	Rösch	22.01.2008	Tol
				gepr.			Maßstab:

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Koaserbauer Str. 16 A-4810 Gmunden
Tel.: +43 (0)7612 73760-0 Fax:DW 17 mail:office@gilles.at

Produktgruppe: Layout Produktdatenblatt Standard	Benennung: Data sheet Pellet 8.1 English	Zeichnungsnr.: 500111 Rev. a
	GILLES_Schlüssel: 01- 04- 02- 00- 500111	

Änderungen dürfen nur am CAD vorgenommen werden

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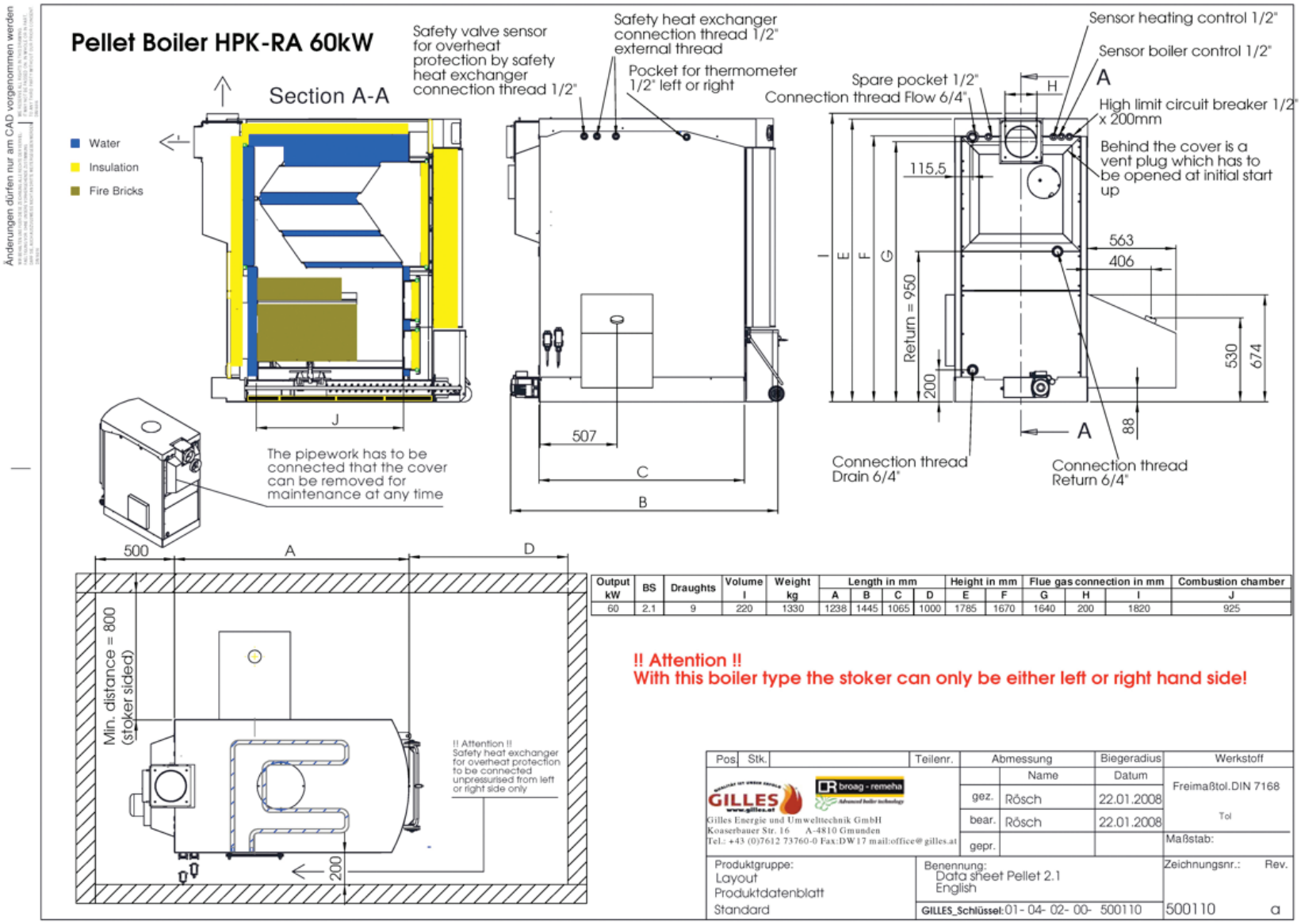
GILLES
BIOMASS HEATING

Biomass Heating 12.5 - 5000kW

A - 4810 Gmunden, Koaserbauer Str. 16 +43 7612 737600



Output kW	BS	Draughts	Volume l	Weight kg	Length in mm A	B	C	D	Height in mm E	F	Flue gas connection in mm G	H	I	Combustion chamber J
60	2.1	9	220	1330	1238	1445	1065	1000	1785	1670	1640	200	1820	925

Pos.	Stk.		Teilenr.	Abmessung	Name	Datum	Biegeradius	Werkstoff
				gez.	Rösch	22.01.2008		Freimaßtol.DIN 7168
				bear.	Rösch	22.01.2008		Tol
				gepr.				Maßstab:

Gilles Energie und Umwelttechnik GmbH
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Tel.: +43 (0)7612 73760-0 Fax:DW17 mail:office@gilles.at

Produktgruppe:	Benennung:	Zeichnungsnr.:	Rev.
Layout Produktdatenblatt Standard	Data sheet Pellet 2.1 English	500110	a

GILLES_Schlüssel: 01 - 04 - 02 - 00 - 500110

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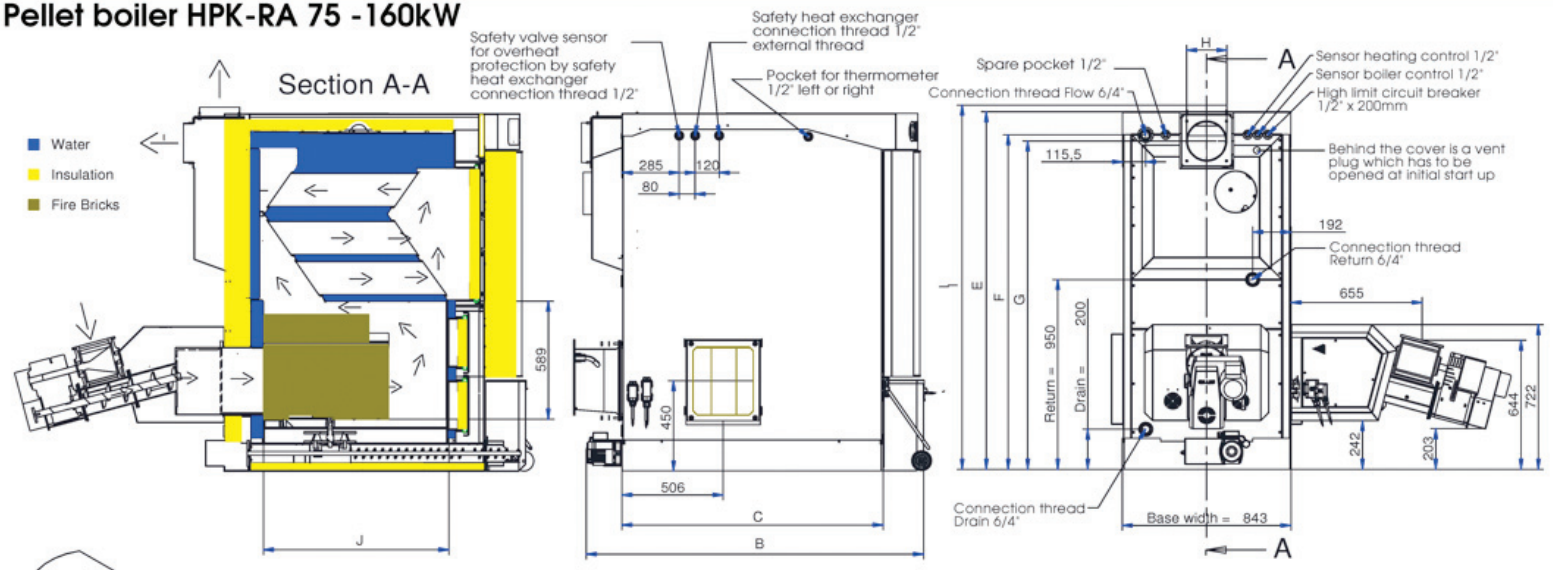
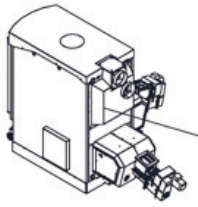
GILLES
BIOMASS HEATING

Biomass Heating 12.5 - 5000kW

A - 4810 Gmunden, Koaserbauer Str. 16 +43 7612 737600

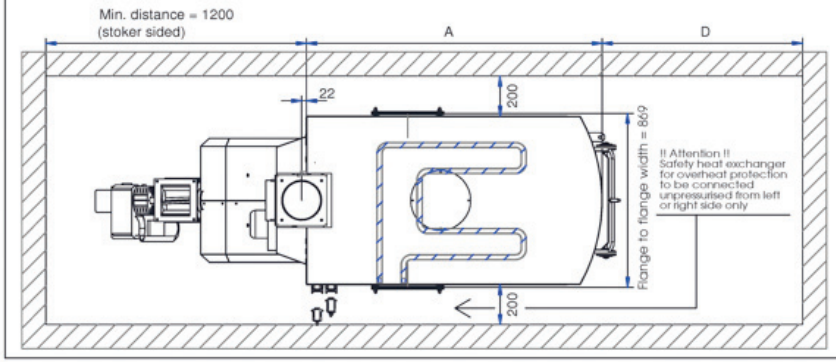
Pellet boiler HPK-RA 75 -160kW





The pipework has to be connected that the cover can be removed for maintenance at any time

Output kW	BS	Draughts	Volume l	Weigh t kg	Length in mm A	B	C	D	Height in mm E	F	Flue gas connection in mm G	H	I	Combustion chamber J
75	3.1	9	320	1570	1478	1685	1305	1200	1785	1670	1640	200	1820	925
85	3.1	9	320	1570	1478	1685	1305	1200	1785	1670	1640	200	1820	925
100	10.1	9	495	1963	1853	2060	1680	1400	1785	1670	1640	250	1820	1300
120	10.1	9	495	1963	1853	2060	1680	1400	1785	1670	1640	250	1820	1300
145	4.1	9	620	2463	2318	2525	2145	1840	1785	1670	1640	250	1820	1765
160	4.1	9	620	2463	2318	2525	2145	1840	1785	1670	1640	250	1820	1765



Pos.	Stk.		Teilenr.	Abmessung	Name	Datum	Biegeradius	Werkstoff
				gez.	Rösch	22.01.2008		Freimaßtol.DIN 7168
				bear.	Rösch	22.01.2008		Tol
				gepr.				Maßstab:

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Tel.: +43 (0)7612 73760-0 Fax:DW 17 mail:office@gilles.at

Produktgruppe: Layout Produktdatenblatt Standard

Benennung: Data sheet Pellet 3.1, 4.1, 8.1, 9.1, 10.1 English

GILLES_Schlüssel: 01- 04- 02- 00- 500113

Zeichnungsnr.: 500113 Rev. a